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OM protein - protein search, using sw model

Run on: July 29, 2003, 10:41:24 ; Search time 0.001 Seconds
(without alignments)
4.144 Million cell updates/sec

Title: us-09-606-129A-16
Perfect score: 37
Sequence: 1 KRRIHC 7

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 2 seqs, 592 residues
Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 2 summaries

Database : ramlrez129.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES				
Result No.	Score	Query Match	Length DB	ID
1	37	100.0	296	1 US-09-606-129A-1
2	37	100.0	296	1 US-09-606-129A-3

ALIGNMENTS

ULT 1
US-09-606-129A-1
Sequence 1, Application US/09606129A
GENERAL INFORMATION:
APPLICANT: Maines, Mahin D.
TITLE OF INVENTION: BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS, AND
METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
TITLE OF INVENTION: FRAGMENTS AND VARIANTS
FILE REFERENCE: 176/60792
CURRENT APPLICATION NUMBER: US/09/606,129A
CURRENT FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/141,309
PRIOR FILING DATE: 1999-06-28
PRIOR APPLICATION NUMBER: 60/163,223
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 296
TYPE: PRT
ORGANISM: Homo sapiens
US-09-606-129A-1

Query Match 100.0%; Score 37; DB 1; Length 296;
Best Local Similarity 85.7%; Pred. No. 0;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 KRRIHC 7
DB 275 KRRIHC 281

RESULT 2
US-09-606-129A-3
Sequence 3, Application US/09606129A
GENERAL INFORMATION:
APPLICANT: Maines, Mahin D.
TITLE OF INVENTION: BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS, AND
METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
TITLE OF INVENTION: FRAGMENTS AND VARIANTS
FILE REFERENCE: 176/60792
CURRENT APPLICATION NUMBER: US/09/606,129A
CURRENT FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/141,309
PRIOR FILING DATE: 1999-06-28
PRIOR APPLICATION NUMBER: 60/163,223
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 296
TYPE: PRT
ORGANISM: Homo sapiens
US-09-606-129A-3

Query Match 100.0%; Score 37; DB 1; Length 296;
Best Local Similarity 85.7%; Pred. No. 0;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
OY 1 KRRIHC 7
DB 275 KRRIHC 281

Search completed: July 29, 2003, 10:41:24
Job time : 0.001 secs

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OM protein - protein search, using sw model

Run on: July 29, 2003, 10:42:14 ; Search time 0.001 seconds
(without alignments)
4.736 Million cell updates/sec

Title: us-09-606-129A-17
Perfect score: 28
Sequence: 1 OKXCXXX 8

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 2 segs, 592 residues
Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 2 summaries

Database : ramirez129.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	28	100.0	296	1	US-09-606-129A-1
2	28	100.0	296	1	US-09-606-129A-3

ALIGNMENTS

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>SULF 1
>US-09-606-129A-1
: Sequence 1, Application US/09606129A
: GENERAL INFORMATION:
: APPLICANT: Malnes, Mahin D.
: TITLE OF INVENTION: BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS, AND
: TITLE OF INVENTION: METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
: TITLE OF INVENTION: FRAGMENTS AND VARIANTS
: FILE REFERENCE: 176/60792
: CURRENT APPLICATION NUMBER: US/09/606,129A
: CURRENT FILING DATE: 2000-06-28
: PRIOR APPLICATION NUMBER: 60/141,309
: PRIOR FILING DATE: 1999-06-28
: PRIOR APPLICATION NUMBER: 60/163,223
: PRIOR FILING DATE: 1999-11-03
: NUMBER OF SEQ ID NOS: 37
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 1
: LENGTH: 296
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-606-129A-1

```

Query Match 100.0%; Score 28; DB 1; Length 296;
Best Local Similarity 50.0%; Pred. No. 0;
Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

OY 1 OKXCXXX 8
DB 289 OKXCXSRK 296

```

>RESULT 2
>US-09-606-129A-3
: Sequence 3, Application US/09606129A
: GENERAL INFORMATION:
: APPLICANT: Malnes, Mahin D.
: TITLE OF INVENTION: BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS, AND
: TITLE OF INVENTION: METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
: TITLE OF INVENTION: FRAGMENTS AND VARIANTS
: FILE REFERENCE: 176/60792
: CURRENT APPLICATION NUMBER: US/09/606,129A
: CURRENT FILING DATE: 2000-06-28
: PRIOR APPLICATION NUMBER: 60/141,309
: PRIOR FILING DATE: 1999-06-28
: PRIOR APPLICATION NUMBER: 60/163,223
: PRIOR FILING DATE: 1999-11-03
: NUMBER OF SEQ ID NOS: 37
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 3
: LENGTH: 296
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-606-129A-3

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Query Match 100.0%; Score 28; DB 1; Length 296;
Best Local Similarity 50.0%; Pred. No. 0;
Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Search completed: July 29, 2003, 10:42:14
Job time : 0.001 secs